



VIDYASAGAR UNIVERSITY

MIDNAPORE- 721102

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Ref. No.- VU/RUSA/FO/08/2017

Dated- 09.10.2017

Tender Notice

Sealed quotations are invited from the reputed manufacturers, suppliers for procurement of scientific instruments for Human Physiology Department of the Vidyasagar University. The quotations are to be submitted to the Head of the Department, Department of Human Physiology, Vidyasagar University, Paschim Medinipore- 721102. Last date of submission of quotation is on 18.10.2017.

Eligibility criterion of participation in the tender:

- Bonafide, resourceful and reliable Vendors.
- An undertaking should be given stating thereby that the firm has not been debarred or penalized for any reasons out of work by any Government Department.
- Subletting of suppliers is strictly prohibited.
- The prospective bidders must have valid upto date clearance of Income Tax return / Professional Tax clearance certificate / P.T (Deposit Challan) / PAN Card / **GST registration certificate**.
- The suppliers who have been delisted or debarred by any government department shall not be eligible in any way.
- Past performance for vender will be judged (please attached three largest clients other than the Vidyasagar University).
- Rate is to be inclusive of all taxes and transport charges etc.

Details specifications of the scientific Instruments and quantity are given below:

List of instruments for procurement under RUSA Grant

Sl	Name of the Instrument	Specification	Quantity	Rate per unit	Amount inclusive of all.
01	Gel Doc System	<p><u>Gel Doc System Hardware</u></p> <ol style="list-style-type: none"> System should have Image resolution >4 mega pixels for resolving closely spaced bands on a gel or blot. System should have 4.6 x 4.6 µm pixel size & >3.0 orders of linear dynamic range System should be completely automatic & user does not have to zoom, focus, adjust aperture or select light source. System should be modular with different sample trays & flexible to image a wide variety of applications, including nucleic acid, visible dyes, SYBR safe and Stain Free Gels. System should have UV, White light, & optional Blue light. 	01		



- 6) System should have **Stain-Free** capability for stain-free gels and blots & should be supplied with a **10% Acrylamide stain free kit**
- 7) Sample trays should be customizable per user and recognized automatically.
- 8) System should require only one emission filter to accommodate a large portfolio of detection methods: ethidium bromide, SYBR® Green, SYBR® Safe, SYBR® Gold, GelGreen, GelRed, Fast Blast™, SYPRO Ruby, Flamingo™, Oriole™, CY3, rhodamine, green fluorescent protein, Hoechst, Krypton, silver stain, copper stain, zinc stain, Coomassie Brilliant Blue, Coomassie Fluor Orange, and other spectrally similar stains, labels, and dyes.
- 9) Should have **lens flat-fielding calibration** for each sample tray to deliver image data that are always optimized and reproducible without imaging artifacts, providing superior image uniformity and quantitation
- 10) System should be **compact with small footprint** and maximum size of WxLxH of 27 x 44x 38 cm.

Gel Doc System Software-

- 1) Software should have highest level of automation in hardware calibration, image optimization, capture, and analysis.
- 2) Should have automated workflow recorded in a protocol file from image capture to results thus eliminating need for training.
- 3) Should allow 100% repeatability of the workflow by any user and ensures optimized image data and analysis from a gel in a single uninterrupted, fast, and completely reproducible workflow.
- 4) Should have automated image capture driven by a selected gel or blot application.
- 5) Should have one-button acquisition from image capture to result.
- 6) Should generate the publication ready images (dpi, dimension and format) with one click export option.
- 7) Should generate customizable reports.
- 8) Should have feature for Automatic print when only imaging and printing is required.
- 9) Software should have easy copy/paste functionality, crop, zoom, 3D and colors.
- 10) 1KV UPS

Finance Officer